

CLAIMS

1. An electromagnetic absorber for absorbing electromagnetic radiation including a member of foamed material having a plurality of air conduits formed therein,
5 which conduits have walls capable of absorbing electromagnetic radiation.

2. An electromagnetic absorber according to claim 1, wherein the foamed member is formed from polyurethane.

10 3. An electromagnetic absorber according to claim 2, wherein the member is formed from polyurethane to which small particles of carbon are added.

4. An electromagnetic absorber according to claim 1, wherein the conductive coating is formed from one of painting and insertion of a conductive tube held against the
15 internal walls of the passages.

5. An electromagnetic absorber according to claim 1, wherein the internal walls of the passages include an electrically conductive coating.

20 6. An electromagnetic absorber for absorbing electromagnetic radiation including a member of non-conductive material having a plurality of air conduits formed therein, which conduits have internal walls capable of absorbing electromagnetic radiation.

7. An electromagnetic absorber according to claim 6, wherein the member is
25 painted with an electrically conductive paint.

8. An electromagnetic absorber according to claim 6, wherein the internal walls of the passages include an electrically conductive coating.

9. An electromagnetic absorber according to claim 8, wherein the electrically conductive coating is formed by painting or insertion of a conductive tube held against the internal walls of the passages.

5 10. An electromagnetic absorber according to claim 1, wherein the foamed member is formed from a foamed metal or foamed metal alloy.

11. An electromagnetic absorber according to claim 1, wherein the material of the absorber is acoustically absorbing.

10 12. An electromagnetic absorber according to claim 6, wherein the material of the absorber is acoustically absorbing.

13. A casing for an electronic device, the casing including within at least a part thereof an electromagnetic absorber according to claim 1.

14. A casing for an electronic device, the casing including within at least a part thereof an electromagnetic absorber according to claim 6.

20 15. A casing according to claim 13, wherein the casing includes an opening and fixtures for fixing the electromagnetic absorber structure into the opening.

16. A casing according to claim 13, wherein the electromagnetic absorber is formed integrally with the casing.

25 17. A casing according to claim 13, wherein the conduits have a cross-sectional diameter of between 10 and 15 mm.

18. A computer including the casing of claim 13.

30 19. A personal computer including the casing of claim 13.

20. Use in an electromagnetic absorber of one of a foamed member having a plurality of air conduits formed therein and a member of non-conductive material having a plurality of air conduits formed therein, which conduits have internal walls capable of
5 absorbing electromagnetic radiation.